

# Untitled

Title: US- 10- 561- 292- 3  
 Perfect score: 799  
 Sequence: 1 EAEPLVDI RVTGPVPGALGA. . . . . SI TKRSLSGTAFGGFLMFKT 152

ABU03470

ID ABU03470 standard; protein; 949 AA.

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AC ABU03470;

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DT 15- JUN- 2007 (revised)

DT 21- JAN- 2003 (first entry)

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DE Angiogenesis-associated human protein sequence #15.

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KW Human; angiogenesis-associated transcript; angiogenesis;

KW angiogenesis-associated disease; cancer; cytostatic; BOND\_PC;

KW multimerin 2; EMILIN-like protein EndoGlyx-1;

KW elastin microfibril interfacer 3; multimerin 2 [Homo sapiens]; MVRN2;

KW EMILIN3; FLJ13465; ENDOGLYX1; EndoGlyx-1; unnamed protein product;

KW unnamed protein product [Homo sapiens]; GO5578; GO5198; GO6941; GO7049.

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OS Homo sapiens.

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PN WO200279492- A2.

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PD 10- OCT- 2002.

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PF 14- FEB- 2002; 2002WO- US004915.

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PR 14- FEB- 2001; 2001US- 00784356.

PR 22- FEB- 2001; 2001US- 00791390.

PR 19- APR- 2001; 2001US- 0285475P.

PR 03- AUG- 2001; 2001US- 0310025P.

PR 13- NOV- 2001; 2001US- 0350666P.

PR 29- NOV- 2001; 2001US- 0334244P.

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PA (EOSB-) EOS BIOTECHNOLOGY INC.

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PI Murray R, Glynn R, Watson SR, Aziz N;

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DR WPI; 2003- 040681/ 03.

DR N- PSDB; ABX08753.

DR PC: NCBI; gi 13376091.

DR PC: SWISSPROT; Q9H8L6.

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PT Detecting angiogenesis-associated transcript in a cell for diagnosing and  
 PT treating cancer by contacting a sample with a polynucleotide that  
 PT exhibits changes in expression level as a function of time in tissue  
 PT undergoing angiogenesis.

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PS Example 2; Page 193; 291pp; English.

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CC The present invention relates to methods and compositions for detecting  
 CC an angiogenesis-associated transcript in a cell in a patient. The method  
 CC involves contacting a biological sample from the patient with a  
 CC polynucleotide that selectively hybridizes to a sequence at least 80%  
 CC identical to any of the angiogenesis-associated human polynucleotide  
 CC sequences given in the specification. These angiogenesis-associated  
 CC polynucleotide sequences comprise genes that exhibit changes in  
 CC expression levels as a function of time in tissue undergoing  
 CC angiogenesis. The method and the polynucleotide sequences of the

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invention are useful for diagnosing and treating angiogenesis and angiogenesis-associated diseases e.g. cancer. The polynucleotide sequences are also useful in the gene therapy of such disorders. The angiogenesis-associated proteins encoded by the polynucleotide sequences are useful as a vaccine for therapeutic and prophylactic immunisation. ABU03456-ABU03569 represent angiogenesis-associated protein sequences

Revised record issued on 15-JUN-2007 : Enhanced with precomputed information from BOND.

Sequence 949 AA;

Query Match 100.0% Score 799; DB 6; Length 949;  
Best Local Similarity 100.0% Pred. No. 4.4e-79;  
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	EAEPLVDI RVTGPVPGALGAALWEAGSPVAFYASFSEGTAALQTVKFNTTYI NI GSSYFP	60
Db	798	EAEPLVDI RVTGPVPGALGAALWEAGSPVAFYASFSEGTAALQTVKFNTTYI NI GSSYFP	857
Qy	61	EHGYFRAPERGVYLFVSVVEFGPGPGTGQLVFGGHHRTPVCTTGQSGSTATVFAMAE LQ	120
Db	858	EHGYFRAPERGVYLFVSVVEFGPGPGTGQLVFGGHHRTPVCTTGQSGSTATVFAMAE LQ	917
Qy	121	KGERVWFELTQGSI TKRSLSGTAFGGFLMFKT	152
Db	918	KGERVWFELTQGSI TKRSLSGTAFGGFLMFKT	949